

10/578002

co/c

Docket No.: SON-3139
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Letters Patent of:

Confirmation No.: 5201

Katsuhide Uchino et al.

Patent No.: 7,355,572

Issued: April 8, 2008

For: PIXEL CIRCUIT, DISPLAY DEVICE, AND
METHOD OF DRIVING PIXEL CIRCUIT

Certificate
APR 23 2008
of Correction

REQUEST FOR CERTIFICATE OF CORRECTION

Attention: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

It is respectfully requested that a Certificate of Correction be issued in connection with the above-identified patent. It appears that a mistake was recorded through the fault of the Patent and Trademark Office in the printing of the patent as clearly disclosed by the records of the Office within the meaning of 35 USC § 254. Accordingly, two copies of the special Certificate of Correction are attached hereto. It is believed that the error noted is an error of consequence involving the inventor data as listed on the front page and thus warrants the granting of a Certificate of Correction. Copies of the declaration and the Official Filing Receipt, both with the correct inventor data, are enclosed for the convenience of the Patent and Trademark Office.

Should any costs be incurred, please consider this authorization to charge Deposit Account No. 18-0013.

Dated: April 21, 2008

Respectfully submitted,

By
Ronald P. Kananen
Registration No.: 24,104
Christopher M. Tobin
Registration No.: 40,290
RADER, FISHMAN & GRAUER PLLC
1233 20th Street, N.W., Suite 501
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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,355,572

DATED : April 8, 2008

INVENTOR(S): Katsuhide Uchino et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Front Page:

Item (75) should read:

-- Katsuhide Uchino, Kanagawa (JP);
Junichi Yamashita, Tokyo (JP);
Tetsuro Yamamoto, Kanagawa (JP) --.

MAILING ADDRESS OF SENDER:

Customer No. 23353
Rader, Fishman & Grauer PLLC
1233 20th Street, NW
Suite 501
Washington, DC 20036

PATENT NO. 7,355,572

Our Ref: SON-3139
FORM PTO 1050 (REV. 3-82)

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Patent Publication

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,355,572

DATED : April 8, 2008

INVENTOR(S): Katsuhide Uchino et al.

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Item (75) should read:

-- **Katsuhide Uchino**, Kanagawa (JP);
Junichi Yamashita, Tokyo (JP);
Tetsuro Yamamoto, Kanagawa (JP) --.

MAILING ADDRESS OF SENDER:

Customer No. 23353
Rader, Fishman & Grauer PLLC
1233 20th Street, NW
Suite 501
Washington, DC 20036

PATENT NO. 7,355,572



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/578,002	05/03/2006	2821	900	SON-3139	47	13	3

CONFIRMATION NO. 5201

23353
RADER FISHMAN & GRAUER PLLC
LION BUILDING
1233 20TH STREET N.W., SUITE 501
WASHINGTON, DC 20036

FILING RECEIPT



OC000000021370629

Date Mailed: 11/29/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Katsuhide Uchino, Kanagawa, JAPAN;
Junichi Yamashita, Tokyo, JAPAN;
Tetsuro Yamamoto, Kanagawa, JAPAN;

Assignment For Published Patent Application

Sony Corporation, Tokyo, JAPAN

Power of Attorney: The patent practitioners associated with Customer Number 23353.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP04/16640 11/10/2004

Foreign Applications

JAPAN 2003-380171 11/10/2003

If Required, Foreign Filing License Granted: 11/27/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/578,002**

Projected Publication Date: 03/08/2007

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Non-Publication Request: No

Early Publication Request: No

Title

Pixel circuit, display device, and method of driving pixel circuit

Preliminary Class

315

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Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

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Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

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804P1523 US 20

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PTO/SB/01 (3-97)

Approved for use through 6/30/98. OMB 0651-0032

Patent and Trademark Office; US DEPARTMENT OF COMMERCE

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DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION		Attorney Docket No.	
		First Named Inventor	
COMPLETE IF KNOWN			
		Application No.	
		Filing Date	
		Group Art Unit	
		Examiner Name	
<input type="checkbox"/> Declaration submitted with or initial filing	<input type="checkbox"/> Declaration submitted after initial filing		
As a below named inventor, I hereby declare that:			
My residence, post office address, and citizenship are as stated below next to my name.			
I believe I am the original, first and sole inventor (only if one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:			
<div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;">PIXEL CIRCUIT, DISPLAY DEVICE, AND METHOD OF DRIVING PIXEL CIRCUIT</div>			
(Title of the Invention)			
the specification of which			
<input type="checkbox"/> is attached hereto			
or November 10,			
<input checked="" type="checkbox"/> was filed on 2004, as United States Application Number or PCT International Application Number:			
PCT/JP2004/016640 and was amended on (if applicable).			
016640			
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.			
I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.			
I hereby claim foreign priority benefits under Title 35, United States Code §119 (a)-(d) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.			
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YY)	Priority Not Claimed
2003-380171	Japan	11/10/2003	<input type="checkbox"/>
PCT/JP2004/016640	WO	11/10/2004	<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			Certified Copy Attached
			YES NO
			<input type="checkbox"/> <input type="checkbox"/>
			<input type="checkbox"/> <input type="checkbox"/>
			<input type="checkbox"/> <input type="checkbox"/>
			<input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/> Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:			
I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below.			
Application Number (s)	Filing Date (MM/DD/YY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.	

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PTO/SB/01 (3-97)

Approved for use through 6/30/98. OMB 0651-0032
Patent and Trademark Office; US DEPARTMENT OF COMMERCE

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DECLARATION - Utility Or Design Patent Application

I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the matter provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application Number	PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: ☒ Customer Number

or

☐ Registered practitioner(s) name/registration number listed below

23353

Name	Registration Number	Name	Registration Number
John E. McGarry	22,360	Joel E. Bair	33,356
H. Lawrence Smith	24,900	Richard D. Grauer	22,388
Ralph T. Rader	28,772	Michael D. Fishman	31,951
Joseph V. Coppola, Sr.	33,373	Mark A. Davis	37,118
Michael B. Stewart	36,018	Stefan V. Chemielewski	39,914
Alexander D. Rabinovich	37,425	Kristin L. Murphy	41,212
Kevin D. Rutherford	40,412	David K. Benson	42,314
Glenn E. Forbis	40,610	Christopher M. Tanner	41,518
Ronald P. Kananen	24,104	Robert S. Green	41,800
Matthew J. Russo	41,282	Brian K. Dutton	47,255
G. Thomas Williams	42,228		

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to ☒ Customer Number 23353 or ☐ Correspondence Address below
or Bar Code Label

Attorney Ronald P. Kananen, Esq.

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City, State, Zip Washington, D.C. 20036

Country US Telephone 202-955-3750 Fax 202-955-3751

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of First Inventor ☐ A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Family Name or Surname

Katsuhide

UCHINO

Inventor's Signature *Katsuhide Uchino*

Dated April 5, 2006

Residence: City Kanagawa State Country Japan Citizenship Japan

Post Office Address c/o SONY CORPORATION, 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU

City Tokyo State Zip 141-0001 Country Japan

Name of Second Inventor ☐ A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Family Name or Surname

Junichi

YAMASHITA

Inventor's Signature *Junichi Yamashita*

Dated April 5, 2006

Residence: City Tokyo State Country Japan Citizenship Japan

Post Office Address c/o SONY CORPORATION, 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU

City Tokyo State Zip 141-0001 Country Japan

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Name of Third Inventor		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
Tetsuro				YAMAMOTO				
Inventor's Signature		Tetsuro Yamamoto			Dated April 5 2006			
Residence: City		Kanagawa	State		Country	Japan	Citizenship	Japan
Post Office Address		c/o SONY CORPORATION, 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU						
City		Tokyo	State		Zip	141-0001	Country	Japan
Name of Fourth Inventor		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
Inventor's Signature					Dated			
Residence: City			State		Country		Citizenship	
Post Office Address								
City			State		Zip		Country	
Name of Fifth Inventor		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
Inventor's Signature					Dated			
Residence: City			State		Country		Citizenship	
Post Office Address								
City			State		Zip		Country	
Name of Sixth Inventor		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
Inventor's Signature					Dated			
Residence: City			State		Country		Citizenship	
Post Office Address								
City		Shinagawa-Ku	State		Zip		Country	
Name of Seventh Inventor		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
Inventor's Signature					Dated			
Residence: City			State		Country		Citizenship	
Post Office Address								
City			State		Zip		Country	
Name of Eighth Inventor		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
Inventor's Signature					Dated			
Residence: City			State		Country		Citizenship	
Post Office Address								
City			State		Zip		Country	

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